







TABLE I - SUMMARY OF DISCHARGES

		Drainage Area	Peak Discharges (Cubic Feet per Second)			
	Flooding			78 13	_	(4.)
	Source/Location	(Sq. Miles)	10-Year	50-Year	100-Year	500-Year
	Stonepile Creek					
	200 Feet Downstream of Interstate					
	Route 90	10.99	799	1,210	1,434	2,122
	200 Feet Upstream of Interstate					
	Route 90	10.95	656	986	1,166	1,831
	At Burlington Northern Railroad					
	Tracks and Brooks Avenue	10.01	561	1,115	1,613	2,375
	At Pumphouse Lane	9.38	758	1,302	1,638	2,575
	At Northern Burma Avenue	9.11	503	1,300	1,635	2,571
	At U.S. Highways 14/16	9.23	503	1,299	1,635	2,571
	West Branch Stonepile Creek	8.80	153	950	1,285	2,221
	East Branch Stonepile Creek	10.01	361	915	1,313	1,975
	Donkey Creek					
	At West Planning Area Boundary					
	(Study Limits)	16.5	500	1,250	1,750	3,400
	At State Highway 50	28.9	810	2,050	2,850	5,600
	At Confluence with Stonepile Creek	63.8	1,410	3,600	5,020	10,000
	Donkey Creek Tributary	1.14	69	187	264	450
	Little Rawhide Creek					
D 1	At U.S. Highway 14/16	21.4	670	1,5220	2,010	3,630
Revised Area	At Little Powder River	1.85			1,313	
	Hay Creek					
	At Fever Draw	16.62			1,390	
	At Willow Creek	14.6			1,314	
	At Highway 387	13.81			1,283	
	2000-ft d/s Commercial Drive	11.82			1,200	
	Willow Creek					
	Confluence with Hay Creek	0.93			403	
	At Wright Boulevard	0.67			349	
	At State Highway 59	0.12			166	
	Fever Draw	A				
	Confluence with Hay Creek	0.96			408	
	At State Highway 387	0.67			349	
	At Reno Drive	0.43			287	
	At State Highway 59	0.22			215	
	REVISED TO					

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EFFECTIVE: May 11, 2010

Table 4. Summary of Stillwater Elevations

Elevation (Feet NAVD1)

Flooding Source 10-Year 50-Year 100-Year 500-Year

Little Rawhide Lake -- 4,484.7 --

¹North American Vertical Datum of 1988

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